SSSSSSSSS UUU UÜÜ MMM MM SSSSSSSSSS UUU UUU MMM MM SSS UUU UUU MMMMMM MMMMM	M
SSSSSSSSS UUU ÜÜÜ MMM MM	
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SSSSSSSSS UUUUUUUUUUUUU MMM MMI	4
SSSSSSSSS UUUUUUUUUUUUU MMM MMI	

DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	AAAAAA AA AA AA AA	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	• • • •
		\$		
LL LL LL LL LL		\$\$\$\$\$\$ \$\$\$\$\$\$		
	11 11 111111 111111	\$\$ \$\$ \$\$ \$\$ \$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$		

f 11 GE VO 16-SEP-1984 02:12:54 VAX/VMS Macro V04-00 Page 0 DATA Table of contents 49 66 (2) (3) DECLARATIONS DATA

16-SEP-1984 02:12:54 VAX/VMS Macro V04-00 5-SEP-1984 03:38:24 [SUM.SRC]DATA.MAR;1

(1)

```
.TITLE
        DATA
IDENT
        'V04-000'
```

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222222222222333333333 ; Facility:

;++

SUMSLP utility

Environment:

User mode

Author:

R. Newland 18-Apr-1979

Modified by:

V03-001 BLS0278 Benn Schreiber 25-FEB-1984 Use fnm rather than dnm for SYSSERROR

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112

14

16 17

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*

GE1 VO4

; form-feed character

; force data allocation to be global

 $FF = ^XC$

\$GBLINI GLOBAL

0000000

DATA

```
16-SEP-1984 02:12:54 VAX/VMS Macro V04-00 5-SEP-1984 03:38:24 [SUM.SRC]DATA.MAR;1
```

Page

```
3 (3)
```

```
66
67
68
                                         .SBTTL DATA
              0000
        0000000
                         69
                                         .PSECT SUMSRW_DATA, NOEXE, LONG
              0000
                         70
                                        SUMSGL_CLIADDR
SUMSGQ_CMDLINE
SUMSGL_FLAGS
SUMSAT_AUDIT
                             $DEF
                         71
                                                                                        CLI call back address
Command line descriptor
Control flags
              0000
                                                               .BLKL
                         72
73
              0004
                             SDEF
                                                               .BLKQ
              0000
                             $DEF
                                                               .BLKL
              0010
                             SDEF
                                                                .BLKB
                                                                           16
                                                                                         Audit trail
              0020
                         75
00000021
                                                                .BLKB
                                                                                         Separator
              0021
                         76
77
                                        SUMSAT_LINENO
SUMSAT_LINENE
SUMSAT_BUFFER
                             SDEF
                                                               .BLKB
                                                                                         Line number
              0027
0028
                             $DEF
                                                               .BLKB
                                                                                        Separator
                         78
                             SDEF
                                                                           SSL$BUFSZE
                                                                                                 : Buffer
                                                                .BLKB
              0127
                         79
                                        SUMSAX_CBL
SUMSGL_UPDATES
              0127
                             $DEF
                         80
                                                                           .BLKB
                         81
              0144
                             SDEF
                                                               .BLKL
                         82
83
              0148
                                        SUMSAT_INPUTFN
SUMSAT_OUTPUFN
SUMSAT_LISTFN
SUMSAX_RHB
SUMSGW_PAGENO
SUMSGW_PAGESZ
                                                                          SSL$FILSZE: Input file name buffer SSL$FILSZE: Output file name buffer SSL$FILSZE: List file name bufer SSL$RHBSZE: Record header buffer
                             SDEF
              0148
                                                               .BLKB
                         84 SDEF
85 SDEF
              0188
                                                                .BLKB
              0108
                                                               .BLKB
              0208
0214
0216
0218
021A
021A
021A
021A
021C
                         86
87
                             SDEF
SDEF
                                                                .BLKB
                                                                                      ; Page number
                                                                .BLKW
                         88
                                                               .BLKW
                             SDEF
                                                                                      ; Page size
                         89
                                         SUMSGW_LINENO
                             SDEF
                                                                .BLKW
                                                                                      : Line number
                         90
                         91
                             RMS blocks
                         92
93
                         94
                                         .ALIGN LONG
                             SUMSAX_INPUTFAB::
                                                                                      : Input file FAB
                         97
              0210
                                        SFAB
                                                    FAC = GET -
              021C
021C
                                                    NAM = SUMSAX_INPUTNAM - XAB = SUMSAX_INPUTXAB
                         98
                         99
              026C
                        100
                             SUMSAX_INPUTXAB::
                                                                                      ; Input file extended attribute block
; for creation date/time
              0260
                        101
                       102
                                        SXABDAT
              0590
              0298
                             SUMSAX_INPUTNAM::
              0298
                       104
                                                                                      : Input file NAM block
              0298
0298
                                                    ESA = SUMSAT INPUTFN -
ESS = SSLSFIESZE -
                       105
                                        SNAM
                       106
              0298
                       107
                                                    RSA = SUMSAT_INPUTFN -
              0298
                                                    RSS = SSLSFIESZE
                       108
              02F8
                       109
                             SUMSAX_INPUTRAB::
                       110
                                                                                      ; Input file record access block
                                                    FAB = SUMSAX_INPUTFAB -
UBF = SUMSAT_BUFFER -
                       111
                                        SRAB
                       112
              02F8
              02F8
                                                    USZ = SSLSBUFSZE -
                       114
                                                    MBF = 4 -
                       115
                                                    ROP = RAH
                       116
117
                             SUMSAX_OUTPUFAB:
                                                                                      ; Output file FAB
                                                    FAC = PUT -
                       118
                                        SFAB
                       119
                                                    RAT = CR -
                       120
121
122 ;
                                                    FOP = OFP -
              033C
                                                    NAM = SUMSAX_OUTPUNAM
```

00000604

0504

0604 0604

0604

0604

0604

060C

0600

175

00000649'00000014

SUMSAT_MSGBUF :: 172 .BLKB 64 173

174 : Title line

176 SUMSGQ_TITLEDS:: LONG 20, SUMSAT_TITLEDT 177 178

179 SUMSAT_TITLE::

; Message buffer

; Descriptor to date/time

GE 1 VO4

```
K 11
DATA
                                                                                  16-SEP-1984 02:12:54 VAX/VMS Macro V04-00 5-SEP-1984 03:38:24 [SUM.SRC]DATA.MAR;1
                                                                                                                                                 (<del>3</del>)
VC4-000
                                    DATA
.BYTE
                                                  180
181
                                                                        FF ^[60]
                                          060D
                                          0619
                                          0625
0631
0630
                                                     SUMSAT_TITLEDT::
.BLKB 20
                                                  182
183
                                          0649
                           0000065D
20 20 20 20
4C 53 4D 55
20'20'20'20'20'
65 67 61 50
20'20'20'20'20'
                                          0649
065D
                                                  184
                                                                              VAX 11 SUMSLP V01.00/
                                          0669
0675
                                                  185
                                                                        ^A/ /[16]
                                                                .BYTE
                                          0681
0685
                                                                        /Page_/
                                                                .ASCII
                                          068A
                                                  187
                                                                BYTE
                                                                        ^A/ /[4]
                                          068E
                                                  188 SUMSAT TITLEPN::
                               00000082
                                          068E
                                                      SUMSK_TITLELN == .-SUMSAT_TITLE
                                                  189
                                          068E
                                                  190
                                          068E
                                                  191
                                                 192
                                          068E
                                                      : Subtitle line
                                          068E
                                                      SUMSGQ_SBTTLDS::
LONG 20,SUMSAT_SBTTLDT
                                          068E
                                                  194
                                                                                                   : Descriptor to date/time
                                          068E
                     000006D2'00000014
                                                  195
                                          0696
                                                  196
                                                      SUMSAT_SBTTL::
.BYTE
                                                  197
                                          0696
0696
                                                  198
                                                                        ^A/ /[60]
                                          06A2
                                          06AE
                                          06BA
                                          0606
                                          0602
                                                  199
                                                      SUMSAT_SBTTLDT::
                                                                        20
^A/ /[4]
                               000006E6
                                                  200
201
                                          0602
                                                               .BLKB
                           20'20'20'20'
                                          06E6
                                                                .BYTE
                                                      SUMSAT_SBTTLFS::
                                          06EA
^A/ /[45]
                                          06EA
                                          06F6
                                          0702
                                          070E
0717
                                                  204 SUM$K_SBTTLLN == .-SUM$AT_SBTTL 205 ; 206 ; 207 .END
                                          0717
                                          0717
                                          0717
```

DSC DSC DSC DSC FAE FAE FAE FAE FIL HE/ HE/ INF INF LIE LIP LIS LIS 001 RAE 517 SSI SSI SSI SSI SSI SSI SSI SSI SSI

GE 1

Syn

CL CL

SUP SUP

SUP SU SU SU SU SU

SU SU SU UP UPI

DATA Symbol table		L 11	6-SEP-1984 02:12:54 VAX/VMS Macr 5-SEP-1984 03:38:24 [SUM.SRC]DAT	o V04-00 Page 6 A.MAR;1 (3)
\$\$.TAB \$\$.TABEND \$\$.TMPX \$\$.TMPX \$\$.TMPX1 BIT FAB\$B_DNS FAB\$B_FNS FAB\$C_BID FAB\$C_BIN FAB\$C_BIN FAB\$C_SEQ FAB\$C_VAR FAB\$L_FNA FAB\$L_FNA FAB\$L_FNA FAB\$L_FNA FAB\$V_CR FAB\$V_CR FAB\$V_GET FAB\$V_GET FAB\$V_GET FAB\$V_GET FAB\$V_GET FAB\$V_BBC FAB\$C_BLN NAM\$L_RSA RAB\$B_RSS NAM\$C_BLN NAM\$L_RSA RAB\$C_BLN RAB\$C_SEQ RAB\$L_CTX RAB\$C_BLN RAB\$C_SEG	= 00000574 R 02 = 00000588 R 03 = 00000000 R 03 = 00000004 R 03 = 00000035 = 00000035 = 000000050 = 000000000000000000000000	SUMSAT TITLE SUMSAT TITLEDT SUMSAT TITLEDT SUMSAT TITLEPN SUMSAX CBL SUMSAX INPUT AB SUMSAX INPUT AB SUMSAX INPUT AB SUMSAX INPUT AB SUMSAX LIST AB SUMSAX OUT PUT AB SUMSAX TERM AB SUMSAX TERM FAB S	000006PA RG 0000006PA RG 000006PA RG 000006PA RG 000006PA RG 0000005CO RG 000005CO RG 0000012PA RG 0000002PB RG 0000004PA RG 0000003PA RG 0000003PA RG 0000000PA RG 0000001PA RG 0000001PA RG 0000000PA RG 0000001PA RG 0000000PA RG 0000000PA RG 0000000PA RG 0000000PA RG 000000PA RG 0000000PA RG 000000PA RG 00000PA RG 0000PA RG 0000PA RG 00000PA RG 00000PA RG 0000PA RG 00000PA RG 0000PA RG 0000PA RG 0000PA RG 0000PA RG 0000PA RG 0000PA	

GE 1 Pse

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Phase Sympass Sympass Cross The 198 The 275 12

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The

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Fage 7 (3)

Psect synopsis!

PSECT name	Allocation		Attributes	
. ABS . \$ABS\$ SUM\$RW DATA \$RMSNAM	00000000 (0.) 0000001D (29.) 00000717 (1815.) 0000000E (14.)	00 (0.) 01 (1.) 02 (2.)	NOPIC USR CON NOPIC USR CON NOPIC USR CON NOPIC USR CON	ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE ABS LCL NOSHR EXE RD WR' NOVEC BYTE REL LCL NOSHR NOEXE RD WRT NOVEC LONG REL LCL NOSHR EXE RD WRT NOVEC BYTE

Performance indicators

Phase	Page faults	CPU Time	Elapsed Time
Initialization	34	00:00:00.07	00:00:00.36
Command processing	128	00:00:00.58	00:00:02.46
Pass 1	34 128 270	00:00:09.30	00:00:20.95
Symbol table sort	0	00:00:00.98	00:00:01.48
Pass 2	58 13	00:00:01.57	00:00:03.51
Symbol table output	13	00:00:00.11	00:00:00.12
Psect synopsis output	3	00:00:00.03	00:00:00.04
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	508	00:00:12.65	00:00:28.93

The working set limit was 1350 pages. 47097 bytes (92 pages) of virtual memory were used to buffer the intermediate code. There were 40 pages of symbol table space allocated to hold 762 non-local and 0 local symbols. 207 source lines were read in Pass 1, producing 19 object records in Pass 2. 31 pages of virtual memory were used to define 26 macros.

! Macro library statistics !

Macro library name

Macros defined

_\$255\$DUA28:[SUM.OBJ]SUM.MLB;1
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2
TOTALS (all libraries)

18 22

1009 GETS were required to define 22 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS:DATA/OBJ=OBJS:DATA MSRCS:DATA/UPDATE=(ENHS:DATA)+LIBS:SUM/LIB

0368 AH-BT13A-SE

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